

Exploring Aeronautics			
2005 Science			
Content Standards			
<b>Hawaii Science</b>			
<b>Grade 5</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Tools of Aeronautics(257-326)	HI	SCI.5.SC.5.2.1	Use models and/or simulations to represent and investigate features of objects, events, and processes in the real world
The Tools of Aeronautics	HI	SCI.5.SC.5.2.1	Use models and/or simulations to represent and investigate features of objects, events, and processes in the real world
Science of Flight	HI	SCI.5.SC.5.1.1	Identify the variables in scientific investigations and recognize the importance of controlling variables in scientific experiments
Science of Flight	HI	SCI.5.SC.5.1.2	Formulate and defend conclusions based on evidence
Scientific Method(124-144)	HI	SCI.5.SC.5.1.1	Identify the variables in scientific investigations and recognize the importance of controlling variables in scientific experiments
Scientific Method(124-144)	HI	SCI.5.SC.5.1.2	Formulate and defend conclusions based on evidence
Exploring Aeronautics			
2005 Science			
Content Standards			
<b>Hawaii Science</b>			
<b>Grade 6</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Fundamentals of Aeronautics (145-176)	HI	SCI.6.SC.6.7.1	Describe examples of how forces affect an object's motion
Airplane Control(209-256)	HI	SCI.6.SC.6.7.1	Describe examples of how forces affect an object's motion
How an Airplane Flies	HI	SCI.6.SC.6.7.1	Describe examples of how forces affect an object's motion
Science of Flight	HI	SCI.6.SC.6.1.1	Formulate a testable hypothesis that can be answered through a controlled experiment
Science of Flight	HI	SCI.6.SC.6.1.2	Use appropriate tools, equipment, and techniques safely to collect, display, and analyze data
Science of Flight	HI	SCI.6.SC.6.2.1	Explain how technology has an impact on society and science
Science of Flight	HI	SCI.6.SC.6.7.1	Describe examples of how forces affect an object's motion
Scientific Method(124-144)	HI	SCI.6.SC.6.1.1	Formulate a testable hypothesis that can be answered through a controlled experiment
Scientific Method(124-144)	HI	SCI.6.SC.6.1.2	Use appropriate tools, equipment, and techniques safely to collect, display, and analyze data
Exploring Aeronautics			
2005 Science			

Content Standards			
<b>Hawaii Science</b>			
<b>Grade 7</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Science of Flight	HI	SCI.7.SC.7.1.1	Design and safely conduct a scientific investigation to answer a question or test a hypothesis
Scientific Method(124-144)	HI	SCI.7.SC.7.1.1	Design and safely conduct a scientific investigation to answer a question or test a hypothesis
Exploring Aeronautics			
2005 Science			
Content Standards			
<b>Hawaii Science</b>			
<b>Grade 8</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Tools of Aeronautics(257-326)	HI	SCI.8.SC.8.2.2	Describe how scale and mathematical models can be used to support and explain scientific data
The Tools of Aeronautics	HI	SCI.8.SC.8.2.2	Describe how scale and mathematical models can be used to support and explain scientific data
Science of Flight	HI	SCI.8.SC.8.1.1	Determine the link(s) between evidence and the conclusion(s) of an investigation
Science of Flight	HI	SCI.8.SC.8.1.2	Communicate the significant components of the experimental design and results of a scientific investigation
Science of Flight	HI	SCI.8.SC.8.2.1	Describe significant relationships among society, science, and technology and how one impacts the other
Scientific Method(124-144)	HI	SCI.8.SC.8.1.1	Determine the link(s) between evidence and the conclusion(s) of an investigation
Scientific Method(124-144)	HI	SCI.8.SC.8.1.2	Communicate the significant components of the experimental design and results of a scientific investigation